

5 ABSTRACT

10 Illumination system in a liquid crystal projector for improving an optical efficiency of  
a fly eye lens, including a light source, a first fly eye lens having first lens cells each with a  
first center point, and second lens cells each with a second center point disposed in outer parts  
of the first lens cells, for receiving beams of lights from the light source in correspondence to  
the first center points of the first lens cells and the second center points of the second lens  
cells, respectively, and a second fly eye lens having a plurality of lens cells for refracting the  
beams from the first fly eye lens into parallel beams.

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